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TITLE: DATA CONVERSION DEVICE, DATA EXCHANGE METHOD, AND PROGRAM

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ABSTRACT:

PROBLEM TO BE SOLVED: To provide a data exchange method capable of efficiently performing formation and transmission of transmitting data by reducing data quantity of the transmitting data, and a data exchange device using it.

SOLUTION: This data exchange device comprises a database having a plurality of layered structures constituted by hierarchically associating a plurality of classification items, in which each classification item constituting each of the layered structures has an attribute including the attributes of classification items of upper layers of the classification item concerned, and content data constituted by a value corresponding to each attribute possessed by each classification item is registered in the classification item concerned. When a plurality of content data registered in the classification items of a first layered structure that is one of the plurality of layered structures are read from the database and transmitted, first transmitting data including text data in which respective values constituting the plurality of content data are mutually separated with a comma, and the content data are mutually separated with a line feed code, and the identifier and version information of the first structure are formed.

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